

CLAIMS:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of clock setting comprising:

receiving a time synchronization request at a home network node comprising a web server;

outputting a time signal to a requesting device via a home network, the requesting device comprising one of a plurality of device nodes of the home network, the plurality of device nodes including at least one of ~~a home appliance, a consumer electronics device,~~ an alarm system, an alarm clock, and an oven; and

broadcasting time signals from the web server to the plurality of device nodes without being prompted by the requesting device.
2. (Original) The method of claim 1, wherein the home network node further comprises a Network Time Protocol (NTP) server.
3. (Original) The method of claim 1, wherein the home network node further comprises a broadband modem.
4. (Original) The method of claim 1, wherein the home network node further comprises a router, further comprising establishing the home network with the router.
5. (Original) The method of claim 4, wherein the router comprises a wireless router embodying an 802.11(x) access point.
6. (Original) The method of claim 1, further comprising receiving at the home network node a network timing signal via a digital subscriber line access multiplexer.

7. (Original) The method of claim 1, further comprising receiving at the home network node a network timing signal via a cable modem termination system.

8. (Previously Presented) The method of claim 1, wherein each of the plurality of device nodes comprises a piece of Internet Protocol enabled Customer Premises Equipment (IP-enabled CPE).

9. (Original) The method of claim 8, wherein the IP-enabled CPE is selected from a group consisting of a telephone, a clock, a kitchen appliance, a television, a game console, and a Set Top Box (STB).

10. (Original) The method of claim 1, further comprising utilizing a Hypertext Transfer Protocol daemon to respond to the time synchronization request.

11. (Original) The method of claim 1, further comprising:
recognizing the time synchronization request with a Hypertext Transfer Protocol daemon;
accessing information from a Network Time Protocol (NTP) server executing at the home network node, the information representing a Coordinated Universal Time value;
and
including a representation of the information in the time signal.

12. (Original) The method of claim 11, further comprising utilizing a modem device associated with the home network node to request a network timing signal from a remote NTP server.

13. (Previously Presented) The method of claim 11, further comprising:
receiving another time synchronization request at the home network node; and
outputting another time signal to a different requesting device via the home network, the different requesting device comprising another device node of the home network.

14. (Currently Amended) A time adjustment system, comprising:
a housing component at least partially defining an external surface and an internal cavity;
a broadband modem component at least partially located within the internal cavity;
a home networking mechanism at least partially located within the internal cavity and
communicatively coupled to the broadband modem, the home networking
mechanism operable to facilitate providing each of a plurality of home network
device nodes with access to a backhaul enabled by the broadband modem, the
plurality of home network device nodes including at least one of a home
appliance, ~~a consumer electronics device~~, an alarm system, an alarm clock, and an
oven;
a processor at least partially located within the internal cavity and communicatively
coupled to the broadband modem and to a memory; and
the memory comprising instructions operable to direct the processor to execute a web
server, to receive a timing signal from a remote Public Internet time code protocol
server, and to communicate time information representing the timing signal to
each home network device node via the home networking mechanism without
being prompted by a request from any of the home network device nodes.
15. (Original) The system of claim 14, further comprising a network operator access
concentrator communicatively coupled to the broadband modem and operable to pass the timing
signal.
16. (Original) The system of claim 15, wherein the access concentrator comprises a
digital subscriber line access multiplexer.
17. (Original) The system of claim 15, wherein the access concentrator comprises a cable
modem termination system.
18. (Previously Presented) The system of claim 14, wherein at least one of the plurality
of home network device nodes comprises a Voice over Internet Protocol (VoIP) telephone.

19.-20. (Canceled).

21. (Previously Presented) The system of claim 14, wherein at least one of the plurality of home network device nodes comprises a piece of Internet Protocol enabled consumer electronic equipment.

22. (Original) The system of claim 14, wherein the home networking mechanism comprises an 802.11(x) wireless networking access point.

23. (Previously Presented) The system of claim 14, wherein the broadband modem component comprises an xDSL modem.

24. (Previously Presented) The system of claim 14, wherein the broadband modem component comprises a cable modem.

25. (Canceled).

26. (Previously Presented) The system of claim 25, wherein the memory comprises instructions operable to direct the processor to broadcast the time information to each of the plurality of home network device nodes.

27. (Previously Presented) The system of claim 14, further comprising a Hypertext Transfer Protocol daemon operable to receive a request for the time information from each of the home network device nodes.

28. (Currently Amended) A method of adjusting a remote time keeping device, comprising:

- making a remote time adjustment service available to a subscriber of a broadband data service;
- communicatively coupling a service provider network node with a piece of customer premises equipment (CPE) associated with the subscriber, the piece of CPE comprising a broadband modem device;
- receiving a request for time information communicated from the piece of CPE via a broadband communication link at least partially interconnecting the service provider network node and the piece of CPE;
- maintaining time information representing a Coordinated Universal Time value in a memory;
- outputting an Internet Protocol (IP) packet via the broadband communication link, the IP packet comprising at least a partial representation of the time information; and
- broadcasting time signals from the piece of CPE to each of a plurality of device nodes of a home network without being prompted by any of the plurality of device nodes of the home network, the plurality of device nodes including at least one of a ~~home appliance, a consumer electronics device,~~ an alarm system, an alarm clock, and an oven.

29. (Previously Presented) The method of claim 28, further comprising providing the subscriber with the piece of CPE, the piece of CPE comprising a service provider network interface and a home network interface, the piece of CPE further comprising a Hypertext Transfer Protocol (HTTP) daemon operable to receive a home network request for time adjustment information from one of the plurality of device nodes of the home network via the home network interface.

30. (Original) The method of claim 29, wherein the piece of CPE is an integrated home networking device comprising the broadband modem device, the HTTP daemon, a processor, a router, and a local area wireless transceiver.

31. (Original) The method of claim 30, further comprising a Point to Point over Ethernet client executing on the processor.

32. (Previously Presented) The method of claim 28, further comprising:
maintaining a repository comprising information about the subscriber, the information
indicating that the subscriber subscribes to the remote time adjustment service;
considering the information in connection with generating an invoice for the subscriber;
and
including a charge for the remote time adjustment service in the invoice.

33. (Previously Presented) The method of claim 28, further comprising making the remote time adjustment service available to a plurality of subscribers.

34. (Previously Presented) The method of claim 28, further comprising:
outputting a Network Time Protocol (NTP) request to a NTP server;
receiving a response from the NTP server including a different Coordinated Universal
Time value; and
updating the time information in the memory to represent the different Coordinated
Universal Time value.